

**Flood Control Project Maintenance
Levee Inspections**

Fall 2016 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD0900	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 0900 West Sacramento	A	12.96						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.08		0.08	0.62%				
Encroachments	0.06		0.06	0.46%	1.75	0.01		
Animal Control	0.01		0.01	0.08%				
Slope Stability	0.01		0.01	0.08%				
<i>Supplemental</i>								
2015 USACE Erosion Survey, DRAFT	0.42		0.42	3.24%				
DWR UCIP Field Study					0.41			
<i>LMA Totals:</i>	0.58	0.00	0.58	4.47%	2.16	0.01	0.00	0.00

Unit No. 01 Sacramento River RB	Overall Unit Rating	Total Unit Miles						
RD0900	A	7.70						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.08		0.08	1.04%				
Encroachments	0.04		0.04	0.52%	1.61	0.01		
Animal Control	0.01		0.01	0.13%				
Slope Stability	0.01		0.01	0.13%				
<i>Supplemental</i>								
2015 USACE Erosion Survey, DRAFT	0.42		0.42	5.45%				
DWR UCIP Field Study					0.17			
<i>Unit Totals:</i>	0.56	0.00	0.56	7.27%	1.78	0.01	0.00	0.00

Unit No. 02 Yolo Bypass LB	Overall Unit Rating	Total Unit Miles						
RD0900	A	5.26						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments	0.02		0.02	0.38%	0.14			
<i>Supplemental</i>								
DWR UCIP Field Study					0.24			
<i>Unit Totals:</i>	0.02	0.00	0.02	0.38%	0.38	0.00	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2016 Levee Inspection Results

Reclamation District No. 0900 West Sacramento

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)			A	

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Reclamation District No. 0900 West Sacramento

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Right	7.70
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	4/5/2016 - 4/5/2016		10/6/2016 - 10/6/2016	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Chris Fogel RD 900		Chris Fogel RD 900	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/06/2016 10/06/2016	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
DWR ID	DWR_RD0900_01_s_2013_6				
Comment Code					
Inspector Comment					
This LMA has the updated O&M manuals for the district.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
DWR ID	DWR_RD0900_01_s_2013_12				
Comment Code					
Inspector Comment					
This LMA has an adequate amount of sandbags, sand and various flood fight supplies in their possession.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
DWR ID	DWR_RD0900_01_s_2013_16				
Comment Code					
Inspector Comment					
The crews in this LMA have taken the flood fighting training course provided by DWR.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/06/2016 10/06/2016	Pavel Kazi

LM Start	0.00	Rating **	A/W	Issue No.	23
LM End	1.99	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580928 °	38.559154 °
				-121.509689 °	-121.517741 °
DWR ID	DWR_RD0900_01_s_2013_23				
Comment Code					
MA : Material					
Inspector Comment					
This section of the levee is considered high ground and was not inspected during the spring 2016 inspection but will be inspected in the future inspection season. CVFPB has documentation on this issue.					

No Photos

LM Start	0.01	Rating **	M	Issue No.	959
LM End	0.01	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580796 °	38.580796 °
				-121.509763 °	-121.509763 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37918					
DS_ID:17808					
EP_NO: 17083					
Repair Type: Non-Urgent					
Crossing Status: Not Found					
UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA.					
FIELD_STRUCT_DESC: *NOT INSTALLED* To place an 8-inch-diameter steel conduit containing fiber optic cables across and under (bored) the Sacramento River. Permit No. 17083, 2000. Applicant abandoned the project- pipe was not installed.					
FS Date: 10/5/2009					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/06/2016 10/06/2016	Pavel Kazi

LM Start	0.11	Rating **	M	Issue No.	960
LM End	0.11	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.579371 °	38.579371 °	
			-121.510362 °	-121.510362 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37919 DS_ID:17852 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA. FIELD_STRUCT_DESC: Unknown crossing. As-built drawing available/found. As-built drawing# 6-13-1100 page 1, January 1933 and USGS River Mile 58.92 FS Date: 10/5/2009					

No Photos

LM Start	0.78	Rating **	M	Issue No.	961
LM End	0.78	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.571716 °	38.571716 °	
			-121.517344 °	-121.517344 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37921 DS_ID:17779 EP_NO: 14732 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA. FIELD_STRUCT_DESC: *ABANDONED* To replace an existing gas line with a 24-inch-diameter natural gas line under both levees and the Sacramento River. And, to abandon two existing 8-inch pipeline downstream of the proposed installation. (App. No. 14732 - PG&E, 7/87). The pipe is minimum 25 ft. below the river bed. FS Date: 10/5/2009					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/06/2016 10/06/2016	Pavel Kazi

LM Start	0.86	Rating **	M	Issue No.	962
LM End	0.86	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.570793 °	38.570793 °	
			-121.518314 °	-121.518314 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37922 DS_ID:17807 EP_NO: 2596 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA. FIELD_STRUCT_DESC: 24-inch reinforced concrete storm sewer outlet. Flap gate on the waterside of the levee. Application No. 2596. FS Date: 10/5/2009					

No Photos

LM Start	0.95	Rating **	M	Issue No.	963
LM End	0.95	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.569864 °	38.569864 °	
			-121.519370 °	-121.519370 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37923 DS_ID:17804 EP_NO: 2384 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA. FIELD_STRUCT_DESC: One of two pipes. Two 12-inch steel gasoline 3.0 ft below the crown of the levee. Gasline crossing sign and concrete valve pit at waterside of the levee. Application No. 2384. FS Date: 10/5/2009					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/06/2016 10/06/2016	Pavel Kazi

LM Start	0.95	Rating **	M	Issue No.	964
LM End	0.95	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.569864 °	38.569864 °
				-121.519370 °	-121.519370 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37924 DS_ID:17842 EP_NO: 2384 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA. FIELD_STRUCT_DESC: 2 of 2. 12-inch steel gasline 3.0 ft below the crown of the levee. Gasline crossing sign and concrete valve pit at waterside of the levee. Application No. 2384. FS Date: 10/5/2009					

No Photos

LM Start	0.98	Rating **	M	Issue No.	965
LM End	0.98	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.569548 °	38.569548 °
				-121.519738 °	-121.519738 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37925 DS_ID:17778 EP_NO: 11727 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA. FIELD_STRUCT_DESC: 6-inch water drain pipeline through the levee 3.0 feet below the crown. Outfall pump on landward side. (App. No. 11727 - Shell Oil). FS Date: 10/5/2009					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/06/2016 10/06/2016	Pavel Kazi

LM Start	1.10	Rating **	M	Issue No.	966
LM End	1.10	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.568165 °	38.568165 °
				-121.521090 °	-121.521090 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37926					
DS_ID:17806					
EP_NO: 14211					
Repair Type: Non-Urgent					
Crossing Status: Not Found					
UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA.					
FIELD_STRUCT_DESC: To install a 36-inch diameter reinforced concrete storm drain pipeline through the right bank levee of the Sacramento River. Pipe depth approximately 4 ft below the levee.					
Application No. 14211.					
FS Date: 10/5/2009					

No Photos

LM Start	1.16	Rating **	M	Issue No.	967
LM End	1.16	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567401 °	38.567401 °
				-121.521748 °	-121.521748 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37927					
DS_ID:17777					
EP_NO: 3397					
Repair Type: Non-Urgent					
Crossing Status: Not Found					
UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA.					
FIELD_STRUCT_DESC: 8-inch pipeline through the levee, 1.5 feet below the crown. Blowoff pipeline, well and pump plant on the landward side. (Application No. 3397, Citizens Utilities Co.)					
FS Date: 10/5/2009					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/06/2016 10/06/2016	Pavel Kazi

LM Start	1.46	Rating **	M	Issue No.	970
LM End	1.46	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.563274 °	38.563274 °	
			-121.521419 °	-121.521419 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37932 DS_ID:17776 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA. FIELD_STRUCT_DESC: 18-inch pipeline through the levee, 5.0 feet below the crown, outfall line from West Sacramento Sewage Plant. (App. No. 7009 - West Sacto. S.D.). FS Date: 10/5/2009					

No Photos

LM Start	1.46	Rating **	M	Issue No.	969
LM End	1.46	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.563273 °	38.563273 °	
			-121.521418 °	-121.521418 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37931 DS_ID:17843 EP_NO: 7009 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA. FIELD_STRUCT_DESC: To construct a 36-inch mortar lined and coated steel pipe/30-inch mortar lined and coated steel sewer outfall pipeline through the levee. Application No. 7009. Pipe is approximately 5 ft. below the crown. FS Date: 10/5/2009					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/06/2016 10/06/2016	Pavel Kazi

LM Start	1.48	Rating **	M	Issue No.	968
LM End	1.48	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.563012 °	38.563012 °
				-121.521250 °	-121.521250 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37930					
DS_ID:17805					
EP_NO: 17822					
Repair Type: Non-Urgent					
Crossing Status: Not Found					
UCIP Comments: REDO--no access available Oct-2009. Need to coordinate with LMA.					
FIELD_STRUCT_DESC: To place temporary outfall structure and install a 12-inch diameter HDPE dewatering pipe across crown and (trenched) down waterside slope of the right (west) bank levee of the Sacramento River. Application No. 17822.					
FS Date: 10/5/2009					

No Photos

LM Start	2.00	Rating **	A/W	Issue No.	1
LM End	2.25	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.559202 °	38.555462 °
				-121.517707 °	-121.516297 °
DWR ID	DWR_RD0900_01_s_2012_1				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
USACE has started to construct a setback levee in this area and has taken control of this portion of the levee.					

Photo 1 of 1 : FA_2016_RD0900_230_1_20160823_00001.jpg



View of the new setback levee looking downstream during fall 2014 inspection.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/06/2016 10/06/2016	Pavel Kazi

LM Start	2.15	Rating **	M	Issue No.	971
LM End	2.15	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.556994 °	38.556994 °
				-121.516843 °	-121.516843 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37665 DS_ID:17772 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 42-inch pipeline through the levee 21.5 feet below the crown. Slide gate in concrete riser on the waterward slope. Flap gate on the waterward end. FS Date: 10/6/2009					

Photo 1 of 2 : UCIP_FA_2016_37665_68376.jpg



View of levee crown at crossing.

LM Start	2.15	Rating **	M	Issue No.	971 (cont)
LM End	2.15	Issue Type +	En	Location *	CR

Photo 2 of 2 : UCIP_FA_2016_37665_68375.jpg



Air vent visible through dense vegetation.

*** Location**

LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/06/2016 10/06/2016	Pavel Kazi

LM Start	2.26	Rating **	A/W	Issue No.	17
LM End	3.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.555304 °	38.536946 °
				-121.516127 °	-121.519774 °
DWR ID	DWR_RD0900_01_s_2012_17				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					

Photo 1 of 1 : FA_2016_RD0900_230_17_20160823_00011.jpg



View of the DWR environmental mitigation site.

LM Start	2.28	Rating **	M	Issue No.	21
LM End	2.28	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.555026 °	38.555026 °
				-121.516135 °	-121.516135 °
DWR ID	DWR_RD0900_01_s_2012_21				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

LM Start	2.31	Rating **	M	Issue No.	22
LM End	2.31	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.554697 °	38.554697 °
				-121.515850 °	-121.515850 °
DWR ID	DWR_RD0900_01_s_2012_22				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/06/2016 10/06/2016	Pavel Kazi

LM Start	2.33	Rating **	M	Issue No.	24							
LM End	2.33	Issue Type +	En	Location *	LS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Encroachments		38.554321 °	38.554321 °								
			-121.515738 °	-121.515738 °								
DWR ID	DWR_RD0900_01_s_2012_24											
Comment Code												
PO : Pole												
Inspector Comment												

No Photos

LM Start	2.35	Rating **	M	Issue No.	10							
LM End	2.47	Issue Type +	Ma	Location *	WS							
Category	Supplemental		GPS Latitude/Longitude									
			Start	End								
Item	2015 USACE Erosion Survey, DRAFT		38.554277 °	38.552504 °								
			-121.515263 °	-121.514752 °								
DWR ID	DWR_RD0900_01_s_2016_10											
Comment Code												
Inspector Comment												
2007 - Have good berm width with minor toe erosion. Close to the levee toe protection, but levee slope is steep. 2011 - New large erosion pocket. 2012 - Minor new erosion at the toe. 2015: No observed changes. [2015 Site ID: SAC_56-7_R]												

Photo 1 of 1 : FA_2016_RD0900_230_10_20160823_00008.jpg



USACE 2013 Photo #1

LM Start	2.37	Rating **	M	Issue No.	27							
LM End	2.37	Issue Type +	En	Location *	LS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Encroachments		38.553823 °	38.553823 °								
			-121.515559 °	-121.515559 °								
DWR ID	DWR_RD0900_01_s_2012_27											
Comment Code												
PO : Pole												
Inspector Comment												

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/06/2016 10/06/2016	Pavel Kazi

LM Start	2.39	Rating **	M	Issue No.	32
LM End	2.39	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.553544 °	38.553544 °	
			-121.515448 °	-121.515448 °	
DWR ID	DWR_RD0900_01_s_2012_32				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

LM Start	2.43	Rating **	M	Issue No.	33
LM End	2.43	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.553016 °	38.553016 °	
			-121.515464 °	-121.515464 °	
DWR ID	DWR_RD0900_01_s_2012_33				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

LM Start	2.45	Rating **	M	Issue No.	34
LM End	2.45	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.552671 °	38.552671 °	
			-121.515271 °	-121.515271 °	
DWR ID	DWR_RD0900_01_s_2012_34				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/06/2016 10/06/2016	Pavel Kazi

LM Start	2.48	Rating **	M	Issue No.	35
LM End	2.48	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.552256 °	38.552256 °	
			-121.515107 °	-121.515107 °	
DWR ID	DWR_RD0900_01_s_2012_35				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

LM Start	2.51	Rating **	M	Issue No.	36
LM End	2.51	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.551846 °	38.551846 °	
			-121.515009 °	-121.515009 °	
DWR ID	DWR_RD0900_01_s_2012_36				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

LM Start	2.55	Rating **	M	Issue No.	37
LM End	2.55	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.551315 °	38.551315 °	
			-121.514768 °	-121.514768 °	
DWR ID	DWR_RD0900_01_s_2012_37				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/06/2016 10/06/2016	Pavel Kazi

LM Start	2.55	Rating **	M	Issue No.	9
LM End	2.64	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.551319 °	38.550090 °
				-121.514423 °	-121.513983 °
DWR ID	DWR_RD0900_01_s_2016_9				
Comment Code					
Inspector Comment					
1997 - Low berm is contributing to erosion. Old timber pile dikes above water parallel to bank. The upstream mitigation low berm causes a flow separation at the site. 1999 - Some new localized erosion with less thank one foot of bank retreat. 2000 - Some new erosion at the upstream end. Fat toe deposits at toe. 2003 - Some new erosion upstream, but have a wide berm. 2011 - Minor new erosion at toe. 2015: No observed changes. [2015 Site ID: SAC 56-5 R]					

Photo 1 of 1 : FA_2016_RD0900_230_9_20160823_00007.jpg



USACE 2013 Photo #1

LM Start	2.59	Rating **	M	Issue No.	38
LM End	2.59	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.550657 °	38.550657 °
				-121.514676 °	-121.514676 °
DWR ID	DWR_RD0900_01_s_2012_38				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/06/2016 10/06/2016	Pavel Kazi

LM Start	2.59	Rating **	M	Issue No.	39							
LM End	2.59	Issue Type +	En	Location *	LS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Encroachments		38.550651 °	38.550651 °								
			-121.514686 °	-121.514686 °								
DWR ID	DWR_RD0900_01_s_2012_39											
Comment Code												
PO : Pole												
Inspector Comment												

No Photos

LM Start	2.63	Rating **	M	Issue No.	40							
LM End	2.63	Issue Type +	En	Location *	LS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Encroachments		38.550114 °	38.550114 °								
			-121.514526 °	-121.514526 °								
DWR ID	DWR_RD0900_01_s_2012_40											
Comment Code												
PO : Pole												
Inspector Comment												

No Photos

LM Start	2.92	Rating **	A	Issue No.	61							
LM End	2.92	Issue Type +	Ma	Location *	LS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Vegetation		38.546213 °	38.546213 °								
			-121.512705 °	-121.512705 °								
DWR ID	DWR_RD0900_01_f_2016_61											
Comment Code												
V1 : Control annual grass and weeds on the levee slopes and easements.												
Inspector Comment												
Acceptable vegetation.												

Photo 1 of 1 : FA_2016_RD0900_230_61_20161010_00031.jpg



View of the landside of the levee looking downstream. Fall 2016

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/06/2016 10/06/2016	Pavel Kazi

LM Start	3.27	Rating **	M	Issue No.	2
LM End	3.48	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.541246 °	38.538689 °
				-121.513561 °	-121.515916 °
DWR ID	DWR_RD0900_01_s _ 2016_2				
Comment Code					
Inspector Comment					
2008 - Erosion into levee toe. Over steepened levee slope, worst at the upstream end. 2009 - Near vertical banks from rotational slumping, hidden by vegetation. 2010 - Boat sinking more, may be causing eddy scour around it. Difficult to see the vertical slumps due to dense vegetation. 2011 - Minor new erosion at the toe. The paddleboat that was sitting at this site for years has been removed. 2012 - Site extended upstream due to additional erosion. 2015: No observed changes. [2015 Site ID: SAC 55-7 R]					

Photo 1 of 1 : FA_2016_RD0900_230_2_20160823_00002.jpg



USACE 2013 Photo #1

LM Start	3.32	Rating **	M	Issue No.	972
LM End	3.32	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.540803 °	38.540803 °
				-121.514255 °	-121.514255 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37668 DS_ID:17769 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 24-inch pipe through the levee, 22.0 feet below the crown. Pump house at the landward toe. Screw gate in landside of the levee. As-built drawing available/found. As-built drawing# 6-13-1100 page 3, January 1933 and USGS River Mile 55.65 &M Manual Sac 116, Revision Year 2011 FS Date: 10/6/2009					

Photo 1 of 2 : UCIP_FA_2016_37668_68391.jpg



View of concrete structure located on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/06/2016 10/06/2016	Pavel Kazi

LM Start	3.32	Rating **	M	Issue No.	972 (cont)	
LM End	3.32	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.540803 °		38.540803 °
				-121.514255 °		-121.514255 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37668						
DS_ID:17769						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Dense vegetation limits the inspector's visibility to						
identify signs of pipe failure (leaks) along the slope. Recommend						
removing vegetation along pipe alignment to conduct proper inspection						
of structure and appurtenances.						
FIELD_STRUCT_DESC: 24-inch pipe through the levee, 22.0 feet						
below the crown. Pump house at the landward toe. Screw gate in						
landside of the leveeAs-built drawing available/found. As-built						
drawing# 6-13-1100 page 3, January 1933 and USGS River Mile 55.65						
&M Manual Sac 116, Revision Year 2011						
FS Date: 10/6/2009						

Photo 2 of 2 : UCIP_FA_2016_37668_68390.jpg



Pump house located on landward side.

LM Start	3.32	Rating **	M	Issue No.	41
LM End	3.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.540802 °	38.540802 °
				-121.514249 °	-121.514249 °
DWR ID	DWR_RD0900_01_s_2012_41				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/06/2016 10/06/2016	Pavel Kazi

LM Start	3.35	Rating **	M	Issue No.	42
LM End	3.35	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.540366 °	38.540366 °
				-121.514652 °	-121.514652 °
DWR ID	DWR_RD0900_01_s_2012_42				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

LM Start	3.39	Rating **	M	Issue No.	43
LM End	3.39	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.539922 °	38.539922 °
				-121.515014 °	-121.515014 °
DWR ID	DWR_RD0900_01_s_2012_43				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

LM Start	3.41	Rating **	M	Issue No.	4
LM End	3.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.539770 °	38.539770 °
				-121.515276 °	-121.515276 °
DWR ID	DWR_RD0900_01_s_2014_4				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 2 : FA_2016_RD0900_230_4_20160823_00003.jpg



Updated picture of the slope instability on the waterside of the levee looking downstream during spring 2016 inspection.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/06/2016 10/06/2016	Pavel Kazi

LM Start	3.41	Rating **	M	Issue No.	4 (cont)	
LM End	3.41	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.539770 °		38.539770 °
				-121.515276 °		-121.515276 °
DWR ID	DWR_RD0900_01_s_2014_4					
Comment Code						
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.						
Inspector Comment						

Photo 2 of 2 : FA_2016_RD0900_230_4_20160823_00004.jpg



A slope instability was found on the waterside slope of the levee looking downstream.

LM Start	3.41	Rating **	M	Issue No.	44
LM End	3.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.539712 °	38.539712 °
				-121.515402 °	-121.515402 °
DWR ID	DWR_RD0900_01_s_2012_44				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

LM Start	3.45	Rating **	C	Issue No.	63
LM End	3.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.539368 °	38.539368 °
				-121.515839 °	-121.515839 °
DWR ID	DWR_RD0900_01_s_2016_63				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/06/2016 10/06/2016	Pavel Kazi

LM Start	3.45	Rating **	M	Issue No.	45
LM End	3.45	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.539300°	38.539300°	
			-121.515903°	-121.515903°	
DWR ID	DWR_RD0900_01_s_2012_45				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

LM Start	3.49	Rating **	M	Issue No.	46
LM End	4.40	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.538985°	38.532105°	
			-121.516409°	-121.530669°	
DWR ID	DWR_RD0900_01_s_2012_46				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

LM Start	4.00	Rating **	M	Issue No.	326
LM End	4.00	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.534968°	38.534968°	
			-121.524402°	-121.524402°	
DWR ID	DWR_RD0900_01_s_2012_326				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Reclamation District No. 0900 West Sacramento

View of concrete debris with metal looking upstream.

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/06/2016 10/06/2016	Pavel Kazi

LM Start	4.26	Rating **	U	Issue No.	20
LM End	4.26	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.533274 °	38.533274 °
				-121.528628 °	-121.528628 °
DWR ID	DWR_RD0900_01_s_2012_20				
Comment Code					
BU : Building					
Inspector Comment					
Miscellaneous unpermitted encroachments at the Sherwood Harbor. An encroachment permit application is being reviewed by RD900.					

Photo 1 of 1 : FA_2016_RD0900_230_20_20160823_00012.jpg



View of Sherwood harbor's unpermitted properties on the waterside of the levee. The picture was taken from the crown looking upstream.

LM Start	4.49	Rating **	A/W	Issue No.	19
LM End	7.81	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.531013 °	38.503048 °
				-121.531699 °	-121.559938 °
DWR ID	DWR_RD0900_01_s_2012_19				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					

No Photos

LM Start	4.75	Rating **	M	Issue No.	47
LM End	4.75	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.527253 °	38.527253 °
				-121.531783 °	-121.531783 °
DWR ID	DWR_RD0900_01_s_2012_47				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/06/2016 10/06/2016	Pavel Kazi

LM Start	4.80	Rating **	M	Issue No.	48							
LM End	4.99	Issue Type +	En	Location *	WS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Encroachments		38.526684 °	38.524505 °								
			-121.531221 °	-121.529316 °								
DWR ID	DWR_RD0900_01_s_2012_48											
Comment Code												
PO : Pole												
Inspector Comment												

No Photos

LM Start	4.95	Rating **	M	Issue No.	330							
LM End	4.95	Issue Type +	Ma	Location *	WS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Encroachments		38.524898 °	38.524898 °								
			-121.529674 °	-121.529674 °								
DWR ID	DWR_RD0900_01_s_2012_330											
Comment Code												
DE : Debris												
Inspector Comment												

Photo 1 of 1 : FA_2016_RD0900_230_330_20160823_00020.jpg



Concrete anchor was found on the waterside slope of the levee looking upstream.

LM Start	5.02	Rating **	M	Issue No.	49							
LM End	5.23	Issue Type +	En	Location *	LS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Encroachments		38.524116 °	38.522004 °								
			-121.528883 °	-121.526141 °								
DWR ID	DWR_RD0900_01_s_2012_49											
Comment Code												
PO : Pole												
Inspector Comment												

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/06/2016 10/06/2016	Pavel Kazi

LM Start	5.18	Rating **	M	Issue No.	332
LM End	5.18	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.522521 °	38.522521 °	
			-121.526741 °	-121.526741 °	
DWR ID	DWR_RD0900_01_s_2012_332				
Comment Code					
PO : Pole					
Inspector Comment					

Photo 1 of 1 : FA_2016_RD0900_230_332_20160823_00021.jpg



View of the pole on the landside of the levee looking upstream.

LM Start	5.26	Rating **	M	Issue No.	50
LM End	5.33	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.521633 °	38.520659 °	
			-121.525884 °	-121.525474 °	
DWR ID	DWR_RD0900_01_s_2012_50				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

LM Start	5.37	Rating **	M	Issue No.	51
LM End	5.37	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.520097 °	38.520097 °	
			-121.525637 °	-121.525637 °	
DWR ID	DWR_RD0900_01_s_2012_51				
Comment Code					
PO : Pole					
Inspector Comment					
2 poles on the landward shoulder.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/06/2016 10/06/2016	Pavel Kazi

LM Start	5.39	Rating **	M	Issue No.	334
LM End	5.39	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.520022 °	38.520022 °
				-121.525898 °	-121.525898 °
DWR ID	DWR_RD0900_01_s_2012_334				
Comment Code					
PO : Pole					
Inspector Comment					

No Photos

LM Start	5.39	Rating **	M	Issue No.	335
LM End	5.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.520022°	38.520022°
				-121.525899°	-121.525899°
DWR ID	DWR_RD0900_01_s_2012_335				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberries are partially blocking the visibility.					

Photo 1 of 1 : FA_2016_RD0900_230_335_20160823_00022.jpg



View of elderberry bush on the waterside of the levee looking upstream.

LM Start	5.51	Rating **	M	Issue No.	958
LM End	5.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.518988°	38.518988°
				-121.527738°	-121.527738°
DWR ID	DWR_RD0900_01_s_2012_958				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberries are partially blocking the visibility.					

Photo 1 of 1 : FA_2016_RD0900_230_958_20160823_00024.jpg



Elderberry on the landside of the levee. The picture was taken from the crown looking downstream.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/06/2016 10/06/2016	Pavel Kazi

LM Start	5.52	Rating **	M	Issue No.	52
LM End	5.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.518883 °	38.518883 °
				-121.527800 °	-121.527800 °
DWR ID	DWR_RD0900_01_s_2012_52				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberries are partially blocking the visibility.					

No Photos

LM Start	5.57	Rating **	N	Issue No.	64	
LM End	5.57	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.518654 °		38.518654 °
				-121.528685 °		-121.528685 °
DWR ID	DWR_RD0900_01_s_2016_64					
Comment Code						
T5 : Tree stumps.						
Inspector Comment						

Photo 1 of 1 : FA_2016_RD0900_230_64_20160823_00018.jpg



View of a tree stump on the landside of the levee looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 0900 West Sacramento

View of a rodent hole on the waterside of the levee.

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/06/2016 10/06/2016	Pavel Kazi

LM Start	7.10	Rating **	M	Issue No.	343
LM End	7.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.512642 °	38.512642 °
				-121.554881 °	-121.554881 °
DWR ID	DWR_RD0900_01_s_2012_343				
Comment Code					
DE : Debris					
Inspector Comment					
Concrete debris from old railroad track.					

Photo 1 of 1 : FA_2016_RD0900_230_343_20160823_00023.jpg



Concrete debris from old rail road track was found on the landside of the levee looking upstream.

LM Start	7.10	Rating **	M	Issue No.	973	
LM End	7.10	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.512546 °		38.512546 °
				-121.554843 °		-121.554843 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:39786 DS_ID:17801 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO---Additional crossing found during desk study after field visit. FIELD_STRUCT_DESC: 8-inch pipe; Gate valve in waterside of the levee. As-built drawing available/found. As-built drawing# 6-13-1100 page 4, January 1933 and USGS River Mile 52.00 O&M Manual Sac 116, Revision Year 2011 FS Date: 10/6/2009						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 0900 West Sacramento

View of elderberries on the landward slope looking upstream.

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/06/2016 10/06/2016	Pavel Kazi

LM Start	7.27	Rating **	M	Issue No.	974
LM End	7.27	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.510264 °	38.510264 °
				-121.556093 °	-121.556093 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39787 DS_ID:17800 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO---Additional crossing found during desk study after field visit. FIELD_STRUCT_DESC: One of two pipes. Two 1/2-inch domestic water supply pipe. As-built drawing available/found. As-built drawing# 6-13-1100 page 4, January 1933 and USGS River Mile 51.82 O&M Manual Sac 116, Revision Year 2011 FS Date: 10/6/2009					

No Photos

LM Start	7.27	Rating **	M	Issue No.	975
LM End	7.27	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.510264 °	38.510264 °
				-121.556093 °	-121.556093 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39788 DS_ID:17851 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO---Additional crossing found during desk study after field visit. FIELD_STRUCT_DESC: 2 of 2. Two 1/2-inch domestic water supply pipe. As-built drawing available/found. As-built drawing# 6-13-1100 page 4, January 1933 and USGS River Mile 51.82 O&M Manual Sac 116, Revision Year 2011 FS Date: 10/6/2009					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/06/2016 10/06/2016	Pavel Kazi

LM Start	7.47	Rating **	M	Issue No.	59
LM End	7.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.507648 °	38.507648 °
				-121.557571 °	-121.557571 °
DWR ID	DWR_RD0900_01_f_2012_59				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Arrundo growth on the waterside slope of the levee.					

Photo 1 of 2 : FA_2016_RD0900_230_59_20161010_00033.jpg



Updated picture of the arundo on the waterside of the levee during fall 2016 inspection.

LM Start	7.47	Rating **	M	Issue No.	59 (cont)
LM End	7.47	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2016_RD0900_230_59_20160823_00015.jpg



Updated picture of the arundo on the waterside of the levee during spring 2016 inspection.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/06/2016 10/06/2016	Pavel Kazi

LM Start	7.78	Rating **	M	Issue No.	15
LM End	7.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.503490 °	38.503490 °
				-121.559770 °	-121.559770 °
DWR ID	DWR_RD0900_01_f_2013_15				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Arrundo on the waterside					

Photo 1 of 2 : FA_2016_RD0900_230_15_20160823_00009.jpg



Updated picture of the arundo on the waterside of the levee during spring 2016 inspection.

LM Start	7.78	Rating **	M	Issue No.	15 (cont)
LM End	7.78	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2016_RD0900_230_15_20160823_00010.jpg



View of arundo on the waterside of the levee looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Reclamation District No. 0900 West Sacramento

Waterway			Bank	Unit Miles
Unit No. 02 Yolo Bypass			Left	5.26
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	4/5/2016 - 4/5/2016		10/6/2016 - 10/6/2016	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Tony Schwall RD 900		Chris Fogel RD 900	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/06/2016 10/06/2016	Pavel Kazi

LM Start	0.09	Rating **	A	Issue No.	44
LM End	0.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.580961 °	38.580961 °
				-121.568222 °	-121.568222 °
DWR ID	DWR_RD0900_02_f_2016_44				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Acceptable vegetation.					

Photo 1 of 1 : FA_2016_RD0900_231_44_20161010_00044.jpg



View of the landside of the levee looking downstream. Fall 2016

LM Start	0.87	Rating **	M	Issue No.	68
LM End	0.87	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.574732 °	38.574732 °
				-121.580124 °	-121.580124 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41825					
DS_ID:17862					
EP_NO: 2444					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Records show 3 gas lines in general area--unable to confirm alignment and status of crossing. Markers visible in general area are for Kinder Morgan and not the owner listed on permit. Need to contact owner to clarify if crossing is still present and if so determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition.					
FIELD_STRUCT_DESC: 16-inch high pressure steel gas line through the levee 3.0 feet below the crown. (Permit No. 2444 & 2893 - PG&E)					
FS Date: 10/5/2009					

Photo 1 of 2 : UCIP_FA_2016_41825_72725.jpg



View of levee crown near marker.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/06/2016 10/06/2016	Pavel Kazi

LM Start	0.87	Rating **	M	Issue No.	68 (cont)	
LM End	0.87	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.574732 °		38.574732 °
				-121.580124 °		-121.580124 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41825						
DS_ID:17862						
EP_NO: 2444						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Records show 3 gas lines in general area--unable to confirm alignment and status of crossing. Markers visible in general area are for Kinder Morgan and not the owner listed on permit. Need to contact owner to clarify if crossing is still present and if so determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition.						
FIELD_STRUCT_DESC: 16-inch high pressure steel gas line through the levee 3.0 feet below the crown. (Permit No. 2444 & 2893 - PG&E)						
FS Date: 10/5/2009						

Photo 2 of 2 : UCIP_FA_2016_41825_72724.jpg



Marker of petroleum pipeline unable to confirm permit--there are 3 gas line in desk study records for gas line but none for Kinder Morgan.

LM Start	0.87	Rating **	M	Issue No.	69
LM End	0.87	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.574732 °	38.574732 °
				-121.580124 °	-121.580124 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41826 DS_ID:17874 EP_NO: 17739 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Records show 3 gas lines in general area--unable to confirm alignment and status of crossing. Markers visible in general area are for Kinder Morgan and not the owner listed on permit. Need to contact owner to clarify if crossing is still present and if so determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. FIELD_STRUCT_DESC: To install a 20-inch diameter petroleum pipeline across and under (bored) Willow Slough and its west levee, across (trenched) the Yolo bypass, and across and under (bored) Toe drain and east levee. Permit No. 17739. FS Date: 10/5/2009					

Photo 1 of 2 : UCIP_FA_2016_41826_72722.jpg



View of levee crown near marker.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/06/2016 10/06/2016	Pavel Kazi

LM Start	0.87	Rating **	M	Issue No.	69 (cont)
LM End	0.87	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.574732 °	38.574732 °
				-121.580124 °	-121.580124 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:41826
DS_ID:17874
EP_NO: 17739
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: Records show 3 gas lines in general area--unable to confirm alignment and status of crossing. Markers visible in general area are for Kinder Morgan and not the owner listed on permit. Need to contact owner to clarify if crossing is still present and if so determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition.
FIELD_STRUCT_DESC: To install a 20-inch diameter petroleum pipeline across and under (bored) Willow Slough and its west levee, across (trenched) the Yolo bypass, and across and under (bored) Toe drain and east levee. Permit No. 17739.
FS Date: 10/5/2009

Photo 2 of 2 : UCIP_FA_2016_41826_72721.jpg



Marker of petroleum pipeline unable to confirm permit--there are 3 gas line in desk study records for gas line but none for Kinder Morgan.

LM Start	1.05	Rating **	M	Issue No.	67
LM End	1.05	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572973 °	38.572973 °
				-121.582230 °	-121.582230 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:41824
DS_ID:17861
EP_NO: 11539
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: Records show 3 gas lines in general area--unable to confirm alignment and status of crossing. Markers visible in general area are for Kinder Morgan and not the owner listed on permit. Need to contact owner to clarify if crossing is still present and if so determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition.
FIELD_STRUCT_DESC: 16-inch steel gas pipeline through the levee 3.5 feet below the crown. (Pending 1/77, App. No. 11539 - PG&E).
FS Date: 10/5/2009

Photo 1 of 2 : UCIP_FA_2016_41824_72728.jpg



View of levee crown near marker visible on landward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/06/2016 10/06/2016	Pavel Kazi

LM Start	1.05	Rating **	M	Issue No.	67 (cont)	
LM End	1.05	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.572973 °	38.572973 °	
				-121.582230 °	-121.582230 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41824						
DS_ID:17861						
EP_NO: 11539						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Records show 3 gas lines in general area--unable to confirm alignment and status of crossing. Markers visible in general area are for Kinder Morgan and not the owner listed on permit. Need to contact owner to clarify if crossing is still present and if so determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition.						
FIELD_STRUCT_DESC: 16-inch steel gas pipeline through the levee 3.5 feet below the crown. (Pending 1/77, App. No. 11539 - PG&E).						
FS Date: 10/5/2009						

Photo 2 of 2 : UCIP_FA_2016_41824_72727.jpg



Marker of petroleum pipeline unable to confirm permit--there are 3 gas line in desk study records for gas line but none for Kinder Morgan.

LM Start	1.06	Rating **	M	Issue No.	50
LM End	1.06	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572859 °	38.572859 °
				-121.582225 °	-121.582225 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37906 DS_ID:17872 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009. FIELD_STRUCT_DESC: 36-inch CMP; Slide gate in WS. O&M Manual Sac 116, Revision Year 2011 FS Date: 10/5/2009					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/06/2016 10/06/2016	Pavel Kazi

LM Start	1.06	Rating **	M	Issue No.	51
LM End	1.06	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572845 °	38.572845 °
				-121.582224 °	-121.582224 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37907 DS_ID:17873 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009. FIELD_STRUCT_DESC: 14 ft x 27 ft concrete box As-built drawing available/found. FS Date: 10/5/2009					

No Photos

LM Start	1.06	Rating **	M	Issue No.	52
LM End	1.06	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572813 °	38.572813 °
				-121.582221 °	-121.582221 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37908 DS_ID:17860 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009. FIELD_STRUCT_DESC: *ABANDONED* 54-inch pipe through the levee 30.0 feet below the crown. Slide gate in riser and pump platform on the waterward side. (Cat. II - R.D. 900) FS Date: 10/5/2009					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/06/2016 10/06/2016	Pavel Kazi

LM Start	1.06	Rating **	M	Issue No.	53
LM End	1.06	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572773 °	38.572773 °
				-121.582219 °	-121.582219 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37909 DS_ID:17857 EP_NO: 16721 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009. FIELD_STRUCT_DESC: 1 of 6. two 30-inch diameter steel pipelines and two 200 HP pumps, modify two existing 30-inch diameter pipelines, and replace two existing pipelines with two 30-inch diameter steel pipelines on the left bank levee of the Yolo Bypass. Pipe depth is 2 ft. below the crown. (Application No. 16721 - RD900). FS Date: 10/5/2009					

No Photos

LM Start	1.07	Rating **	M	Issue No.	54	
LM End	1.07	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.572746 °		38.572746 °
				-121.582218 °		-121.582218 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37910 DS_ID:17889 EP_NO: 16721 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009. FIELD_STRUCT_DESC: 2 of 6.Two 30-inch diameter steel pipelines and two 200 HP pumps, modify two existing 30-inch diameter pipelines, and replace two existing pipelines with two 30-inch diameter steel pipelines on the left bank levee of the Yolo Bypass. Pipe depth is 2 ft. below the crown. (Application No. 16721 - RD900). FS Date: 10/5/2009						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/06/2016 10/06/2016	Pavel Kazi

LM Start	1.07	Rating **	M	Issue No.	55
LM End	1.07	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.572627 °	38.572627 °	
			-121.582214 °	-121.582214 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37911 DS_ID:17892 EP_NO: 16721 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009. FIELD_STRUCT_DESC: Three of six pipes. Two 30-inch diameter steel pipelines and two 200 HP pumps, modify two existing 30-inch diameter pipelines, and replace two existing pipelines with two 30-inch diameter steel pipelines on the left bank levee of the Yolo Bypass. Pipe depth is 2 ft. below the crown. (Application No. 16721 - RD900). FS Date: 10/5/2009					

No Photos

LM Start	1.08	Rating **	M	Issue No.	56
LM End	1.08	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.572607 °	38.572607 °	
			-121.582215 °	-121.582215 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37912 DS_ID:17893 EP_NO: 16721 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009. FIELD_STRUCT_DESC: Four of six pipes. Two 30-inch diameter steel pipelines and two 200 HP pumps, modify two existing 30-inch diameter pipelines, and replace two existing pipelines with two 30-inch diameter steel pipelines on the left bank levee of the Yolo Bypass. Pipe depth is 2 ft. below the crown. (Application No. 16721 - RD900). FS Date: 10/5/2009					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/06/2016 10/06/2016	Pavel Kazi

LM Start	1.08	Rating **	M	Issue No.	57
LM End	1.08	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572587 °	38.572587 °
				-121.582213 °	-121.582213 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37913 DS_ID:17894 EP_NO: 16721 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009. FIELD_STRUCT_DESC: Five of six pipes. Two 30-inch diameter steel pipelines and two 200 HP pumps, modify two existing 30-inch diameter pipelines, and replace two existing pipelines with two 30-inch diameter steel pipelines on the left bank levee of the Yolo Bypass. Pipe depth is 2 ft. below the crown. (Application No. 16721 - RD900). FS Date: 10/5/2009					

No Photos

LM Start	1.08	Rating **	M	Issue No.	58
LM End	1.08	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572570 °	38.572570 °
				-121.582213 °	-121.582213 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37914					
DS_ID:17895					
EP_NO: 16721					
Repair Type: Non-Urgent					
Crossing Status: Not Found					
UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009.					
FIELD_STRUCT_DESC: Six of six pipes. Two 30-inch diameter steel pipelines and two 200 HP pumps, modify two existing 30-inch diameter pipelines, and replace two existing pipelines with two 30-inch diameter steel pipelines on the left bank levee of the Yolo Bypass. Pipe depth is 2 ft. below the crown. (Application No. 16721 - RD900).					
FS Date: 10/5/2009					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/06/2016 10/06/2016	Pavel Kazi

LM Start	1.11	Rating **	M	Issue No.	59
LM End	1.11	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572166 °	38.572166 °
				-121.582200 °	-121.582200 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37915 DS_ID:17859 EP_NO: 2721 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009. FIELD_STRUCT_DESC: 1 of 2. 30-inch CM pipes through the levee 5.0 feet below the crown. Pump house on the waterward side, siphon breakers on the waterward shoulder. (App. No. 2721 - R.D. No. 900). Initially, the application was permitted for two 10-inch CMP and later modified to two 30-inch CMP. FS Date: 10/5/2009					

No Photos

LM Start	1.11	Rating **	M	Issue No.	60
LM End	1.11	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572166 °	38.572166 °
				-121.582200 °	-121.582200 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37916					
DS_ID:17858					
EP_NO: 2721					
Repair Type: Non-Urgent					
Crossing Status: Not Found					
UCIP Comments: REDO--unable to confirm due to heavy construction activity Oct-2009.					
FIELD_STRUCT_DESC: 2 of 2. 30-inch CM pipes through the levee 5.0 feet below the crown. Pump house on the waterward side, siphon breakers on the waterward shoulder. (App. No. 2721 - R.D. No. 900)					
FS Date: 10/5/2009					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/06/2016 10/06/2016	Pavel Kazi

LM Start	1.31	Rating **	M	Issue No.	5
LM End	1.31	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569258 °	38.569258 °
				-121.582232 °	-121.582232 °
DWR ID	DWR_RD0900_02_s_2012_5				
Comment Code					
BU : Building					
Inspector Comment					
Abandoned city water well at the landward toe.					

Photo 1 of 1 : FA_2016_RD0900_231_5_20160823_00001.jpg



View of the water well on the landside toe of the levee looking upstream.

LM Start	3.23	Rating **	M	Issue No.	64
LM End	3.23	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.541353 °	38.541353 °
				-121.582202 °	-121.582202 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37770 DS_ID:17885 EP_NO: 17070 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. FIELD_STRUCT_DESC: 1 of 5. 30-inch-diameter steel storm drain pipelines through the left (east) bank levee and a discharge structure in the floodway of the Sacramento River Deep Water Ship Channel. (Permit No. 17070-2000). The pipe depth is 2.0 ft. below the crown. FS Date: 10/5/2009					

Photo 1 of 2 : UCIP_FA_2016_37770_68626.jpg



View of levee crown at crossing.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/06/2016 10/06/2016	Pavel Kazi

LM Start	3.23	Rating **	M	Issue No.	64 (cont)	
LM End	3.23	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.541353 °	38.541353 °	
				-121.582202 °	-121.582202 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37770						
DS_ID:17885						
EP_NO: 17070						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure.						
FIELD_STRUCT_DESC: 1 of 5. 30-inch-diameter steel storm drain pipelines through the left (east) bank levee and a discharge structure in the floodway of the Sacramento River Deep Water Ship Channel. (Permit No. 17070-2000). The pipe depth is 2.0 ft. below the crown.						
FS Date: 10/5/2009						

Photo 2 of 2 : UCIP_FA_2016_37770_68625.jpg



Pump station located on waterward side.

LM Start	3.23	Rating **	M	Issue No.	63
LM End	3.23	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.541330 °	38.541330 °
				-121.582201 °	-121.582201 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37766 DS_ID:17876 EP_NO: 17070 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. FIELD_STRUCT_DESC: 2 of 5. 30-inch-diameter steel storm drain pipelines through the left (east) bank levee and a discharge structure in the floodway of the Sacramento River Deep Water Ship Channel. (Permit No. 17070-2000). The pipe depth is 2.0 ft. below the crown. FS Date: 10/5/2009					

Photo 1 of 2 : UCIP_FA_2016_37766_68620.jpg



View of levee crown at crossing.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/06/2016 10/06/2016	Pavel Kazi

LM Start	3.23	Rating **	M	Issue No.	63 (cont)	
LM End	3.23	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.541330 °		38.541330 °
				-121.582201 °		-121.582201 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37766						
DS_ID:17876						
EP_NO: 17070						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure.						
FIELD_STRUCT_DESC: 2 of 5. 30-inch-diameter steel storm drain pipelines through the left (east) bank levee and a discharge structure in the floodway of the Sacramento River Deep Water Ship Channel. (Permit No. 17070-2000). The pipe depth is 2.0 ft. below the crown.						
FS Date: 10/5/2009						

Photo 2 of 2 : UCIP_FA_2016_37766_68619.jpg



Concrete pad with pumps located on landward side.

LM Start	3.23	Rating **	M	Issue No.	65
LM End	3.23	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.541311 °	38.541311 °
				-121.582201 °	-121.582201 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37778					
DS_ID:17888					
EP_NO: 17070					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure.					
FIELD_STRUCT_DESC: 3 of 5. 12-inch-diameter steel storm drain pipelines through the left (east) bank levee and a discharge structure in the floodway of the Sacramento River Deep Water Ship Channel. (Permit No. 17070-2000). The pipe depth is 2.0 ft. below the crown.					
FS Date: 10/5/2009					

Photo 1 of 2 : UCIP_FA_2016_37778_68650.jpg



View of levee crown at crossing.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/06/2016 10/06/2016	Pavel Kazi

LM Start	3.23	Rating **	M	Issue No.	65 (cont)	
LM End	3.23	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.541311 °		38.541311 °
				-121.582201 °		-121.582201 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37778						
DS_ID:17888						
EP_NO: 17070						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure.						
FIELD_STRUCT_DESC: 3 of 5. 12-inch-diameter steel storm drain pipelines through the left (east) bank levee and a discharge structure in the floodway of the Sacramento River Deep Water Ship Channel. (Permit No. 17070-2000). The pipe depth is 2.0 ft. below the crown.						
FS Date: 10/5/2009						

Photo 2 of 2 : UCIP_FA_2016_37778_68649.jpg



Pump station located on landward side.

LM Start	3.24	Rating **	M	Issue No.	66
LM End	3.24	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.541290 °	38.541290 °
				-121.582201 °	-121.582201 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37780 DS_ID:17887 EP_NO: 17070 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. FIELD_STRUCT_DESC: 4 of 5. 30-inch-diameter steel storm drain pipelines through the left (east) bank levee and a discharge structure in the floodway of the Sacramento River Deep Water Ship Channel. (Permit No. 17070-2000). The pipe depth is 2.0 ft. below the crown. FS Date: 10/5/2009					

Photo 1 of 2 : UCIP_FA_2016_37780_68662.jpg



View of levee crown at crossing.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/06/2016 10/06/2016	Pavel Kazi

LM Start	3.24	Rating **	M	Issue No.	66 (cont)	
LM End	3.24	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.541290 °		38.541290 °
				-121.582201 °		-121.582201 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37780						
DS_ID:17887						
EP_NO: 17070						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure.						
FIELD_STRUCT_DESC: 4 of 5. 30-inch-diameter steel storm drain pipelines through the left (east) bank levee and a discharge structure in the floodway of the Sacramento River Deep Water Ship Channel. (Permit No. 17070-2000). The pipe depth is 2.0 ft. below the crown.						
FS Date: 10/5/2009						

Photo 2 of 2 : UCIP_FA_2016_37780_68661.jpg



Pump station located on landward side.

LM Start	3.24	Rating **	M	Issue No.	61
LM End	3.24	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.541265 °	38.541265 °
				-121.582200 °	-121.582200 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37781 DS_ID:17886 EP_NO: 17070 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. FIELD_STRUCT_DESC: 5 of 5. 30-inch-diameter steel storm drain pipelines through the left (east) bank levee and a discharge structure in the floodway of the Sacramento River Deep Water Ship Channel. (Permit No. 17070-2000). The pipe depth is 2.0 ft. below the crown. FS Date: 10/5/2009					

Photo 1 of 2 : UCIP_FA_2016_37781_68676.jpg



View of levee crown at crossing.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/06/2016 10/06/2016	Pavel Kazi

LM Start	3.24	Rating **	M	Issue No.	61 (cont)	
LM End	3.24	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.541265 °	38.541265 °	
				-121.582200 °	-121.582200 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37781						
DS_ID:17886						
EP_NO: 17070						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure.						
FIELD_STRUCT_DESC: 5 of 5. 30-inch-diameter steel storm drain pipelines through the left (east) bank levee and a discharge structure in the floodway of the Sacramento River Deep Water Ship Channel. (Permit No. 17070-2000). The pipe depth is 2.0 ft. below the crown.						
FS Date: 10/5/2009						

Photo 2 of 2 : UCIP_FA_2016_37781_68675.jpg



Pump station located on landward side, photo 1 of 2.

LM Start	3.26	Rating **	M	Issue No.	62
LM End	3.26	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.540959 °	38.540959 °
				-121.582224 °	-121.582224 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37785					
DS_ID:17856					
EP_NO: 2721A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Need to contact owner--crossing appears to no longer be in use. Abandoned pipe sections visible on landward side and damage to pump station on waterward side.					
FIELD_STRUCT_DESC: 30-inch corrugated metal pipe through the levee 3.0 feet below crown. Pump house and siphon breaker on the waterward slope. (App. No. 2721A - R.D. No. 900) (Station 2)					
FS Date: 10/5/2009					

Photo 1 of 2 : UCIP_FA_2016_37785_68693.jpg



View of pipe sections visible on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspection Report By Mile - Fall 2016

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/06/2016 10/06/2016	Pavel Kazi

LM Start	3.26	Rating **	M	Issue No.	62 (cont)	
LM End	3.26	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.540959 °	38.540959 °	
				-121.582224 °	-121.582224 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37785						
DS_ID:17856						
EP_NO: 2721A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Need to contact owner--crossing appears to no longer be in use. Abandoned pipe sections visible on landward side and damage to pump station on waterward side.						
FIELD_STRUCT_DESC: 30-inch corrugated metal pipe through the levee 3.0 feet below crown. Pump house and siphon breaker on the waterward slope. (App. No. 2721A - R.D. No. 900) (Station 2)						
FS Date: 10/5/2009						

Concrete outlet visible on waterward side.

LM Start	3.26	Rating **	M	Issue No.	15
LM End	3.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.540943 °	38.540943 °
				-121.582280 °	-121.582280 °
DWR ID	DWR_RD0900_02_s_2012_15				
Comment Code					
PI : Pipe					
Inspector Comment					
Recently removed waterward pump. Some pipe, equipment and debris remain.					

Abandon pipes and debris was found on the landside of the levee looking upstream.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/06/2016 10/06/2016	Pavel Kazi

LM Start	4.96	Rating **	M	Issue No.	46
LM End	4.96	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.516274 °	38.516274 °
				-121.582198 °	-121.582198 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37890 DS_ID:17880 EP_NO: 18116 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Under construction Oct-2009. Need updated photos of completed structure. FIELD_STRUCT_DESC: 1 of 4. 54-inch steel pipes through the levee, 12.9 feet below the crown. Pump house on the landward side, siphon breaker on the waterward slope. (Permit No. 18116-2007), (Permit No. 4257). FS Date: 10/5/2009					

LM Start	4.96	Rating **	M	Issue No.	46 (cont)
LM End	4.96	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2016_37890_68941.jpg



Construction of structures in Oct-2009, photo 1 of 3.

Photo 2 of 2 : UCIP_FA_2016_37890_68940.jpg



Construction of structures in Oct-2009, photo 2 of 3.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/06/2016 10/06/2016	Pavel Kazi

LM Start	4.96	Rating **	M	Issue No.	47
LM End	4.96	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.516225 °	38.516225 °
				-121.582194 °	-121.582194 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37891 DS_ID:17881 EP_NO: 18116 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Under construction Oct-2009. Need updated photos of completed structure. FIELD_STRUCT_DESC: 2 of 4. 54-inch steel pipes through the levee, 12.9 feet below the crown. Pump house on the landward side, siphon breaker on the waterward slope. (Permit No. 18116 - 2007), (Permit No. 4257). FS Date: 10/5/2009					

LM Start	4.96	Rating **	M	Issue No.	47 (cont)
LM End	4.96	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2016_37891_68944.jpg



Construction of structures in Oct-2009, photo 1 of 3.

Photo 2 of 2 : UCIP_FA_2016_37891_68943.jpg



Construction of structures in Oct-2009, photo 2 of 3.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/06/2016 10/06/2016	Pavel Kazi

LM Start	4.97	Rating **	M	Issue No.	48
LM End	4.97	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.516175 °	38.516175 °
				-121.582191 °	-121.582191 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37892					
DS_ID:17882					
EP_NO: 18116					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Under construction Oct-2009. Need updated photos of completed structure.					
FIELD_STRUCT_DESC: 3 of 4. 54-inch steel pipes through the levee, 12.9 feet below the crown. Pump house on the landward side, siphon breaker on the waterward slope. (Permit No. 18116 - 2007), (Permit No. 4257).					
FS Date: 10/5/2009					

LM Start	4.97	Rating **	M	Issue No.	48 (cont)
LM End	4.97	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2016_37892_68947.jpg



Construction of structures in Oct-2009, photo 1 of 3.

Photo 2 of 2 : UCIP_FA_2016_37892_68946.jpg



Construction of structures in Oct-2009, photo 2 of 3.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/06/2016 10/06/2016	Pavel Kazi

LM Start	4.97	Rating **	M	Issue No.	49
LM End	4.97	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.516141 °	38.516141 °
				-121.582189 °	-121.582189 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37894					
DS_ID:17883					
EP_NO: 18116					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Under construction Oct-2009. Need updated photos of completed structure.					
FIELD_STRUCT_DESC: 4 of 4. 54-inch steel pipes through the levee, 12.9 feet below the crown. Pump house on the landward side, siphon breaker on the waterward slope. (Permit No. 18116-2007), (Permit No. 4257).					
FS Date: 10/5/2009					

Photo 1 of 2 : UCIP_FA_2016_37894_68953.jpg



Construction of structures in Oct-2009, photo 1 of 3.

LM Start	4.97	Rating **	M	Issue No.	49 (cont)
LM End	4.97	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_FA_2016_37894_68952.jpg



Construction of structures in Oct-2009, photo 2 of 3.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/06/2016 10/06/2016	Pavel Kazi

LM Start	5.01	Rating **	M	Issue No.	20
LM End	5.01	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515519 °	38.515519 °
				-121.582185 °	-121.582185 °
DWR ID	DWR_RD0900_02_s_2012_20				
Comment Code					
PO : Pole					
Inspector Comment					
2 power poles in the levee toe supplying power to the district pumping plant.					

No Photos

LM Start	5.04	Rating **	M	Issue No.	45
LM End	5.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515091 °	38.515091 °
				-121.582178 °	-121.582178 °
DWR ID	DWR_RD0900_02_f_2016_45				
Comment Code					
DE : Debris					
Inspector Comment					

Photo 1 of 1 : FA_2016_RD0900_231_45_20161010_00046.jpg



View of debris on the landside shoulder of the levee looking upstream.

LM Start	5.05	Rating **	M	Issue No.	21
LM End	5.05	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.514929 °	38.514929 °
				-121.582163 °	-121.582163 °
DWR ID	DWR_RD0900_02_s_2012_21				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/06/2016 10/06/2016	Pavel Kazi

LM Start	5.09	Rating **	M	Issue No.	22
LM End	5.09	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.514384 °	38.514384 °	
			-121.582113 °	-121.582113 °	
DWR ID	DWR_RD0900_02_s _ 2012_22				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

LM Start	5.14	Rating **	M	Issue No.	23
LM End	5.14	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.513621 °	38.513621 °	
			-121.582144 °	-121.582144 °	
DWR ID	DWR_RD0900_02_s _ 2012_23				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

LM Start	5.19	Rating **	M	Issue No.	24
LM End	5.19	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.512905 °	38.512905 °	
			-121.582124 °	-121.582124 °	
DWR ID	DWR_RD0900_02_s _ 2012_24				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/06/2016 10/06/2016	Pavel Kazi

LM Start	5.26	Rating **	M	Issue No.	25
LM End	5.26	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.511972 °	38.511972 °	
			-121.582071 °	-121.582071 °	
DWR ID	DWR_RD0900_02_s_2012_25				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

LM Start	5.32	Rating **	M	Issue No.	26
LM End	5.32	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.511066 °	38.511066 °	
			-121.582141 °	-121.582141 °	
DWR ID	DWR_RD0900_02_s_2012_26				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

LM Start	5.38	Rating **	M	Issue No.	27
LM End	5.38	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.510195 °	38.510195 °	
			-121.582141 °	-121.582141 °	
DWR ID	DWR_RD0900_02_s_2012_27				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/06/2016 10/06/2016	Pavel Kazi

LM Start	5.44	Rating **	M	Issue No.	28
LM End	5.44	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.509284 °	38.509284 °	
			-121.582130 °	-121.582130 °	
DWR ID	DWR_RD0900_02_s_2012_28				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

LM Start	5.51	Rating **	M	Issue No.	29
LM End	5.51	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.508378 °	38.508378 °	
			-121.582153 °	-121.582153 °	
DWR ID	DWR_RD0900_02_s_2012_29				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

LM Start	5.57	Rating **	M	Issue No.	30
LM End	5.57	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.507460 °	38.507460 °	
			-121.582132 °	-121.582132 °	
DWR ID	DWR_RD0900_02_s_2012_30				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/06/2016 10/06/2016	Pavel Kazi

LM Start	5.63	Rating **	M	Issue No.	31
LM End	5.63	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.506586 °	38.506586 °	
			-121.582130 °	-121.582130 °	
DWR ID	DWR_RD0900_02_s_2012_31				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee toe supplying power to the district pumping plant.					

No Photos

LM Start	5.69	Rating **	M	Issue No.	32
LM End	5.69	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.505643 °	38.505643 °	
			-121.582159 °	-121.582159 °	
DWR ID	DWR_RD0900_02_s_2012_32				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in the levee shoulder supplying power to the district pumping plant.					

No Photos

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement